



SEISMOGRAPH SERVICE (ENGLAND) LTD.

OIL and GAS DIVISION

08 AUG 1983

COMPANY: PHILLIPS AUSTRALIAN OIL COMPANY

WELL : SELENE No.1



SYNTHETIC SEISMOGRAM

SURFACE REFLECTION COEFFICIENT OF 0.18
INCREASE IN ACOUSTIC IMPEDANCE REPRESENTED BY WHITE TROUGH
TIME SCALE: 15 = 10 cm

CONVOLUTION WITH A 25HZ ZERO PHASE RICKER WAVELET AND
THE FOLLOWING TIME VARIANT BAND PASS FILTER OF LINE GP81091
AT WB+1.2S 15-55HZ
AT WB+1.5S 10-50HZ
AT WB+1.8S 5-45HZ
AT WB+2.4S 5-40HZ
LINEAR OVERLAP BETWEEN FILTERS

CONVOLUTION WITH A 25HZ MINIMUM PHASE RICKER WAVELET AND
THE FOLLOWING TIME VARIANT BAND PASS FILTER OF LINE GP81091
AT WB+1.2S 15-55HZ
AT WB+1.5S 10-50HZ
AT WB+1.8S 5-45HZ
AT WB+2.4S 5-40HZ
LINEAR OVERLAP BETWEEN FILTERS

